

REMARKS

Claims 1-62 are pending in the application. Of these pending claims, claims 1, 2, 4, 5, 15, 16, 18, 21, 22, 26-30, 32, 33, 35-37, 45-47, 49, 50, 58, 60, 61 are rejected; claims 3, 6-14, 19, 20, 23-25, 38-44, and 51-57 are withdrawn; and claims 17, 31, 34, 48, 59 and 62 are objected to.

The drawings filed on February 5, 2007 are accepted.

By way of this paper, claims 2, 4, 17, 21, 22, 29, 30-33, 35, 47, 48, 58, 60 are amended, and claims 1, 26-28, 45, 46, 49, 50, 59, 61, and 62 are cancelled.

The foregoing amendments and the following remarks are believed to be fully responsive to the outstanding Office Action, and are believed to place the application in condition for allowance.

Claim Rejections – 35 U.S.C. § 102

Claims 1, 2, 4, 5, 15, 18, 21, 26, 45-46, 49, 50 and 60 are rejected under 35 U.S.C. §102(e) as being anticipated by Verlinden et al. (US '698).

Claim 2 is not anticipated by Verlinden et al. because in the reference the nozzle orifice 104a of the body 103 does not have a "diameter" as the Examiner indicates.

The Examiner indicates that the nozzle orifice 104a of the body 103 in Fig. 2 of Verlinden et al. has a "diameter" as recited in claim 2. This is believed to be incorrect. Only the orifice 102a in the removable plate 102 in Fig. 2 of Verlinden et al. has a diameter. See 4:31-37 in Verlinden et al. The nozzle orifice 104a is substantially rectangular and therefore cannot have a diameter.

Claim 2 is not anticipated by Verlinden et al. because in the reference the bottom surface of the removable plate 20 and the channel termination surface 104 are not in contact with each other as the Examiner indicates. The two surfaces are separated by an adhesive intermediate layer.

The Examiner indicates that in Verlinden et al. the bottom surface of the removable plate 20 and the channel termination surface 104 are in contact with each other, in order to anticipate claim 2. This is believed to be incorrect. See 4:57-5:61 in Verlinden et al., which describes that there is an adhesive intermediate layer between the bottom surface of the removable plate 20 and the

channel termination surface 104 that prevents the two surfaces from being in contact with each other.

Claim Rejections – 35 U.S.C. § 103

Claims 27, 29-30, 33, 35-37 and 58 are rejected under 35 U.S.C. §103(a) as being unpatentable over Verlinden et al. (US '698) in view of Abe et al. (US '324).

Claims 16, 47 and 61 are rejected under 35 U.S.C. §103(a) as being unpatentable over Verlinden et al. (US '698) view of Hirano et al. (US '130).

Claim 22 is rejected under 35 U.S.C. §103(a) as being unpatentable over Verlinden et al. (US '698) in view of Matta (US '067). Claim 28 is rejected under 35 U.S.C. §103(a) as being unpatentable over Verlinden et al. (US '698) in view of Abe et al. (US '324) as applied to claims 27, 29-30, 33, 35-37, and 58, and further in view of Min et al. (US '299).

Claim 32 is rejected under 35 U.S.C. §103(a) as being unpatentable over Verlinden et al. (US '698) in view of Moon et al. (US '649).

Claim 29 is not taught by the combination of Verlinden et al. and Abe et al. because in Verlinden et al. the bottom surface of the removable plate 20 and the channel termination surface 104 are separated by an adhesive intermediate layer. This prohibits modifying Verlinden et al. by inserting the heat conducting element 184 of Abe et al. between the removable plate 20 and the channel termination surface 104 as the Examiner attempts

The Examiner attempts to modify Verlinden et al. in view of Abe et al. by inserting the heat conducting element 184 of Abe et al. between the removable plate 20 and the channel termination surface 104 in Verlinden et al. This cannot be done due to the presence of the adhesive intermediate layer between the removable plate 20 and the channel termination surface 104 in Verlinden et al.

Claim 47 is should be allowed over Verlinden et al. and Hirano et al.

The Examiner does not provide any explanation as to her indication why Hirano et al. teaches claim 47. Hirano et al., by itself, provides no such explanation.

Moreover, the operation of the printhead in Verlinden et al., particularly in regard to removing the removable plate 20 in order to interchange it, negates claim 47. See 1:56-58 in Verlinden et al.

Allowable Subject Matter

Claims 17, 31, 34, 48, 59 and 62 are objected to as being dependent upon a rejected base claim, but would be allowable if rewritten in independent form including all of the limitations of the base claim and any intervening claims.

Dependent claim 17 is amended to include independent claim 1 and dependent claim 4 (except for the recitation "the surfaces being in contact with each other"). Thus, claim 17 should be allowed.

Dependent claim 31 is amended to include independent claim 1 and dependent claims 26, 29, and 30. Thus, claim 31 should be allowed.

Independent claim 58 is amended to include dependent (cancelled) claim 59. Thus, claim 58 should be allowed.

Dependent claim 34, which is similar to dependent claim 59, remains as originally presented.

Independent claim 60 is amended to include dependent (cancelled) claims 61 and 62. Thus, claim 60 should be allowed.

Dependent claim 48, which is similar to dependent claim 62, remains as originally presented.

The Remaining Dependent Claims

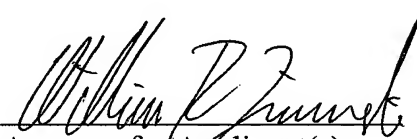
The remaining dependent claims should be allowed at least for the reasons provided above.

CONCLUSION

It is respectfully submitted that, in view of the above amendments and remarks, this application is now in condition for allowance, a prompt notice of which is earnestly solicited.

The Examiner is invited to call the undersigned in the event that a telephone interview will expedite prosecution of this application towards allowance.

Respectfully submitted,


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If the Examiner is unable to reach the Applicant(s) Attorney at the telephone number provided, the Examiner is requested to communicate with Eastman Kodak Company Patent Operations at (585) 477-4656.